

XP 002144770

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- AN - 1998-189182 [17]
- TI - Novel clathrate used e.g. as insect- and mildew-proof article and perfuming agent - consists of cyclodextrin as host molecule and an iodophor as a guest molecule
- AB - J10045609 A clathrate consists of cyclodextrin as host molecule and an iodophor as guest molecule. Preferably the cyclodextrin to iodophor wt. ratio is 99:1 to 50:50.
- Also claimed is an antibacterial agent containing cyclodextrin as host molecule and iodophor as guest molecule and has a content of effective iodine of at least 0.005%.
  - Also claimed is an antibacterial resin composition comprising a thermoplastic resin and an antibacterial agent containing cyclodextrin as host molecule and an iodophor as guest molecule and having a content of effective iodine of at least 0.005%. Pref. the blend ratio is 0.1- 30 pts.wt. of the to 100 pts.wt. of the resin.
  - Preferably the iodophor is povidone iodide (polyvinylpyrrolidone-iodine complex). Preferably the cyclodextrin is one or more of alpha-, beta- and gamma-cyclodextrins and maltosyl cyclodextrin
  - USE - A resin moulding at least the surface of which is made of the composition is new (claimed). The moulding is typically used as a insect- and mildew-proof article and a perfuming agent.
  - ADVANTAGE - The clathrate, agent, composition and the moulding have high performance of sustained release of effective iodine, high durability of antibacterial action and improved heat resistance. The clathrate improves dispersibility of the iodine complex in the resin.
  - (Dwg.0/0)
- IW - NOVEL CLATHRATE INSECT MILDEW PROOF ARTICLE PERFUME AGENT CONSIST CYCLODEXTRIN HOST MOLECULAR IODOPHOR GUEST MOLECULAR
- PN - JP10045609 A 19980217 DW199817 A61K33/18 013pp
- IC - A61K33/18 A61K47/40 C08B37/16
- MC - A03-A A08-M02 A10-E04A D09-A01 E06-A03
- DC - A60 D17 D22 E36
- PA - (HIDA-N) HIDAKA KAGAKU KK
- (MIZA ) MIZUSAWA CHEM IND CO LTD
  - (NITT-N) NITTO CELLOPHANE KK
  - (YAMA-N) YAMASAN KK
- AP - JP19960206259 19960805
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